LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062362.D
Acq On : 12 Aug 2024 11:50
Operator : MA/JU
Sample : PB162650BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK650

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG062362.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.422	19	23	30	rVB2	12829	21308	1.23%	0.126%
2	3.822	87	91	108	rVB	166002	278010	16.01%	1.642%
3	4.162	145	149	153	rVB5	3762	5840	0.34%	0.034%
4	7.105	644	650	659	rBV	185463	315531	18.17%	1.864%
5	7.282	674	680	692	rVB	149575	243369	14.02%	1.437%
6	7.487	707	715	724	rVB	167804	295714	17.03%	1.747%
7	7.957	787	795	804	rVB	163351	281600	16.22%	1.663%
8	8.650	905	913	921	rBV	229700	401604	23.13%	2.372%
9	9.103	983	990	998	rBV	154117	279448	16.09%	1.650%
10	9.825	1107	1113	1123	rBV	104643	183992	10.60%	1.087%
11	10.366	1198	1205	1216	rBV	225317	413154	23.79%	2.440%
12	10.748	1263	1270	1279	rVB	262013	462159	26.62%	2.730%
13	10.877	1284	1292	1303	rBV	258749	470749	27.11%	2.780%
14	12.334	1533	1540	1547	rBV2	3716	6585	0.38%	0.039%
15	13.984	1813	1821	1829	rBV	506466	748618	43.11%	4.421%
16	14.266	1862	1869	1878	rBV	567920	882417	50.82%	5.212%
17	14.572	1914	1921	1930	rVB	475757	743958	42.85%	4.394%
18	14.748	1945	1951	1967	rBV	226617	382928	22.05%	2.262%
19	15.565	2083	2090	2099	rVB	793534	1179982	67.96%	6.969%
20	15.670	2102	2108	2116	rBV	138526	204105	11.75%	1.205%
21	15.811	2127	2132	2134	rBV3	2948	3406	0.20%	0.020%
22	16.140	2182	2188	2191	rVB2	1458	2604	0.15%	0.015%
23	16.346	2220	2223	2228	rVB	2430	3223	0.19%	0.019%
24	17.315	2381	2388	2395	rBV	680293	992007	57.13%	5.859%
25	17.415	2397	2405	2413	rBV	924667	1384445	79.73%	8.177%
26	18.208	2534	2540	2546	rBV3	6964	14807	0.85%	0.087%
27	19.260	2716	2719	2726	rVB2	13609	17944	1.03%	0.106%
28	19.330	2726	2731	2736	rBV2	11537	16047	0.92%	0.095%
29	19.641	2780	2784	2787	rBV4	3752	4883	0.28%	0.029%
30	19.694	2787	2793	2800	rBV	1181025	1661414	95.68%	9.813%
31	19.853	2818	2820	2823	rBV3	1935	1810	0.10%	0.011%
32	20.123	2862	2866	2868	rBV4	1802	2835	0.16%	0.017%
33	20.194	2877	2878	2881	rBV2	1649	2052	0.12%	0.012%
34	20.252	2884	2888	2891	rVV3	8442	10485	0.60%	0.062%
35	20.481	2923	2927	2929	rBV4	2134	3221	0.19%	0.019%
36	20.675	2959	2960	2963	rVB3	3486	2722	0.16%	0.016%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062362.D
Acq On : 12 Aug 2024 11:50
Operator : MA/JU
Sample : PB162650BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK650

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Title : SVOA CALIBRATION

37	20.746	2968	2972	2980	rVB	32679	41527	2.39%	0.245%
38	21.239	3051	3056	3064	rBV	94605	131495	7.57%	0.777%
39	21.363	3075	3077	3079	rVB3	3058	2027	0.12%	0.012%
40	21.556	3103	3110	3117	rBV	710185	1118760	64.43%	6.608%
41	21.774	3142	3147	3155	rBV	91488	140842	8.11%	0.832%
42	22.367	3242	3248	3257	rBV	71070	132737	7.64%	0.784%
43	22.931	3343	3344	3347	rBV3	3525	3029	0.17%	0.018%
44	23.043	3357	3363	3371	rVB	41768	79097	4.56%	0.467%
45	23.818	3487	3495	3502	rBV	35408	77463	4.46%	0.458%
46	23.965	3518	3520	3523	rBV4	3043	3547	0.20%	0.021%
47	24.435	3589	3600	3618	rBV2	647724	1736352	100.00%	10.255%
48	24.646	3625	3636	3646	rBV	445554	1220192	70.27%	7.207%
49	24.734	3646	3651	3661	rVB3	35658	85229	4.91%	0.503%
50	25.322	3750	3751	3753	rVB	3098	2130	0.12%	0.013%
51	25.827	3830	3837	3846	rVB3	28477	74260	4.28%	0.439%
52	26.879	4014	4016	4017	rBV2	3349	2110	0.12%	0.012%
53	27.125	4050	4058	4069	rVB6	26291	83720	4.82%	0.494%
54	28.706	4317	4327	4338	rVB7	16504	65552	3.78%	0.387%
55	29.593	4477	4478	4480	rBV2	2803	2144	0.12%	0.013%
56	29.957	4538	4540	4543	rBV4	3402	4142	0.24%	0.024%

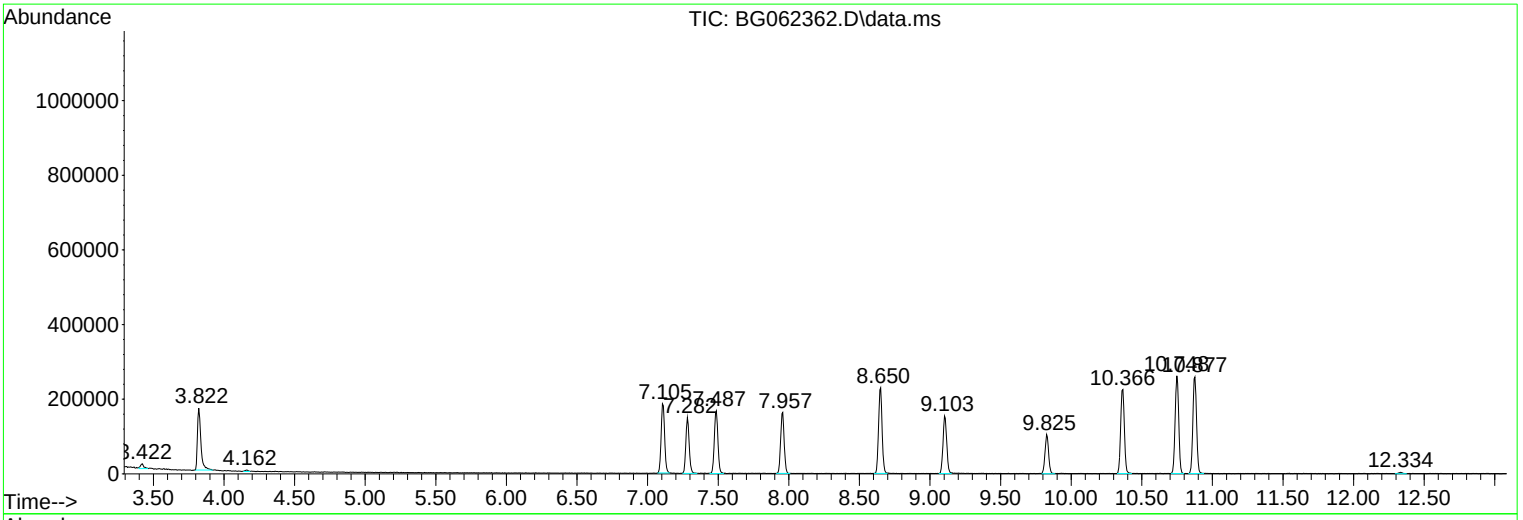
Sum of corrected areas: 16931331

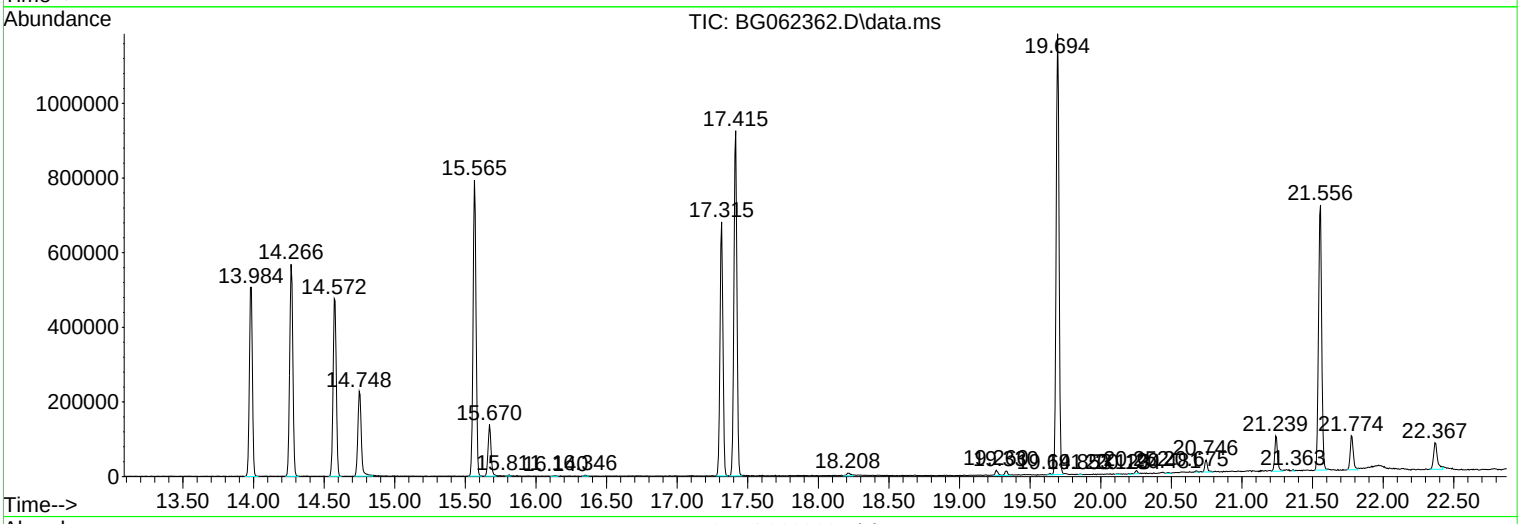
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062362.D
Acq On : 12 Aug 2024 11:50
Operator : MA/JU
Sample : PB162650BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

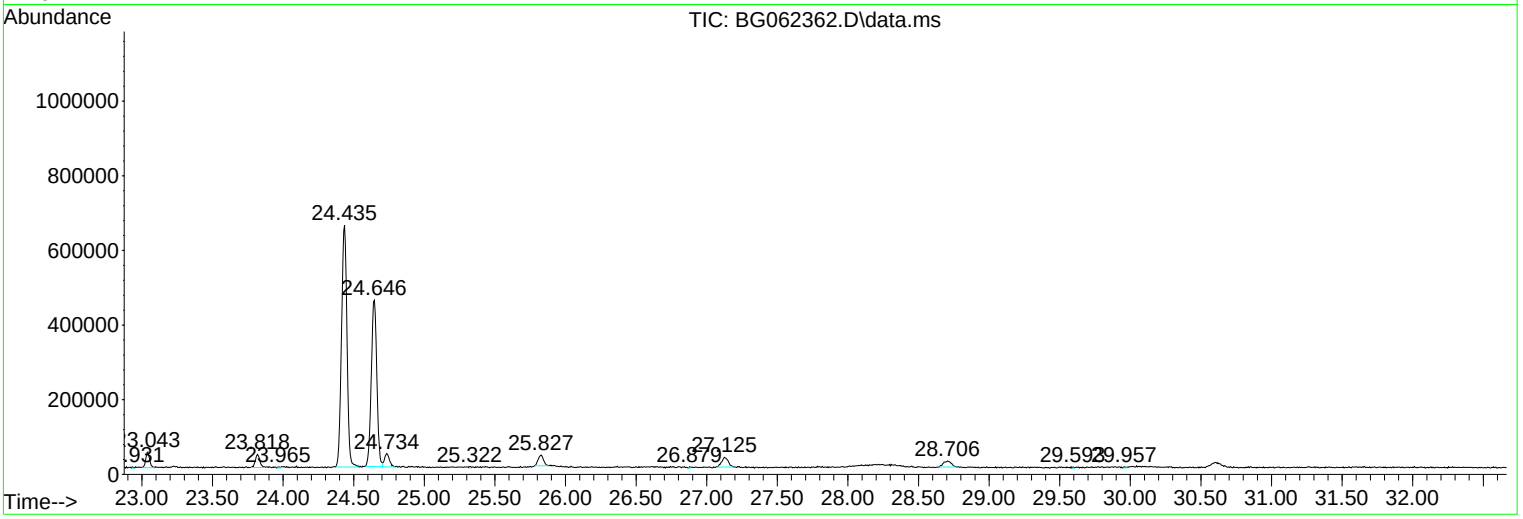
Instrument :
BNA_G
ClientSampleId :
SBLK650

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062362.D
Acq On : 12 Aug 2024 11:50
Operator : MA/JU
Sample : PB162650BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK650

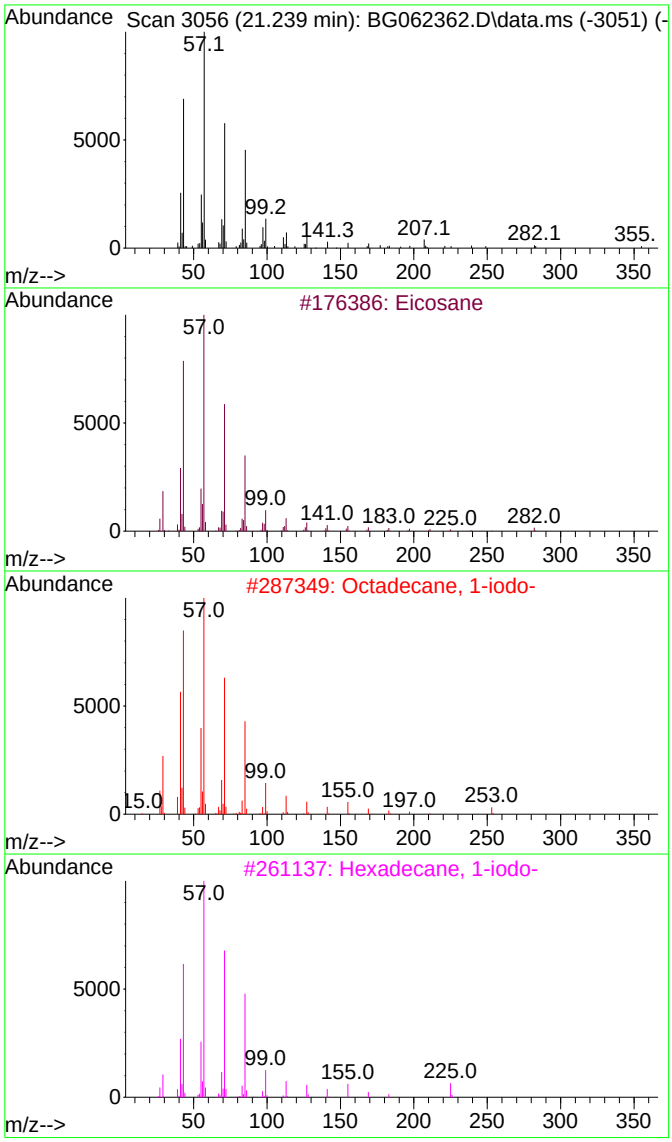
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION

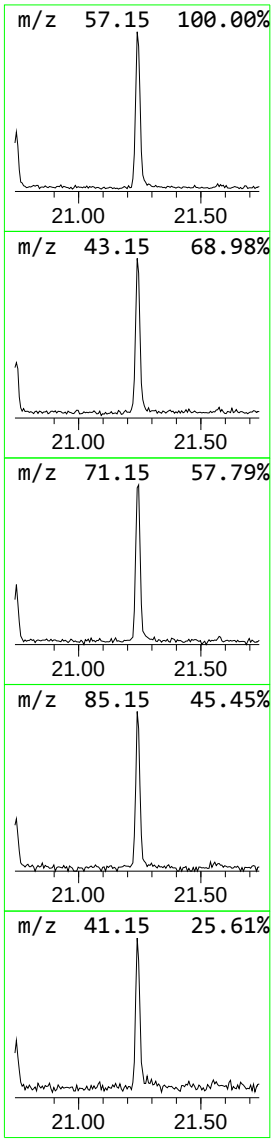
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.239	2.35 ng/ul	131495	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Octacosane	394	C28H58	000630-02-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062362.D
Acq On : 12 Aug 2024 11:50
Operator : MA/JU
Sample : PB162650BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK650

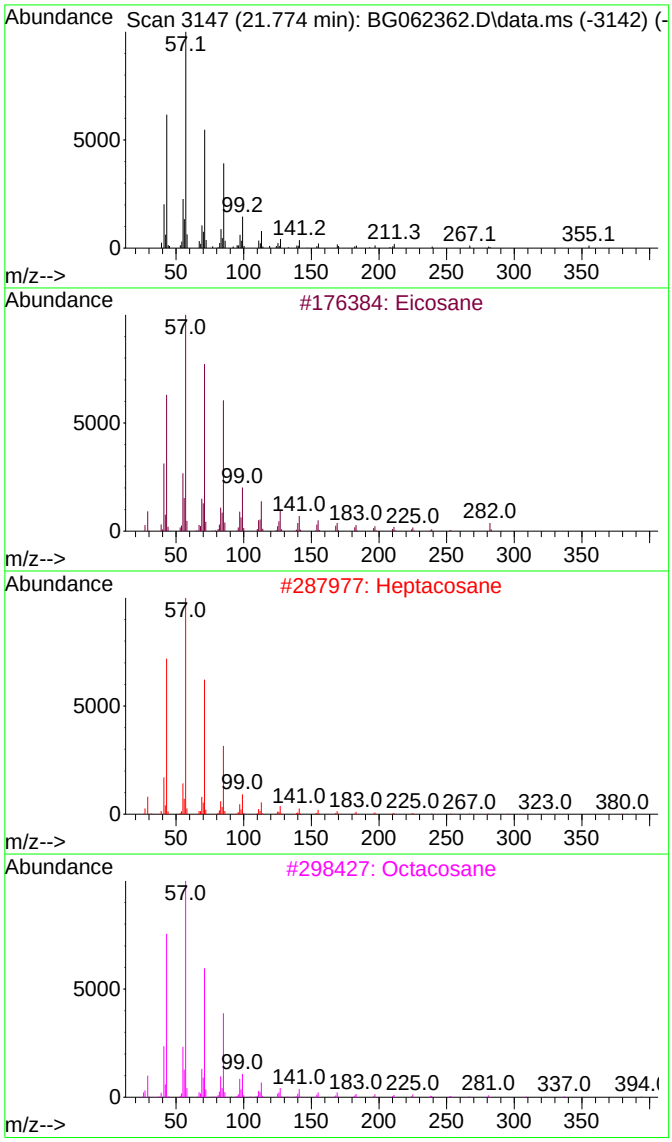
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION

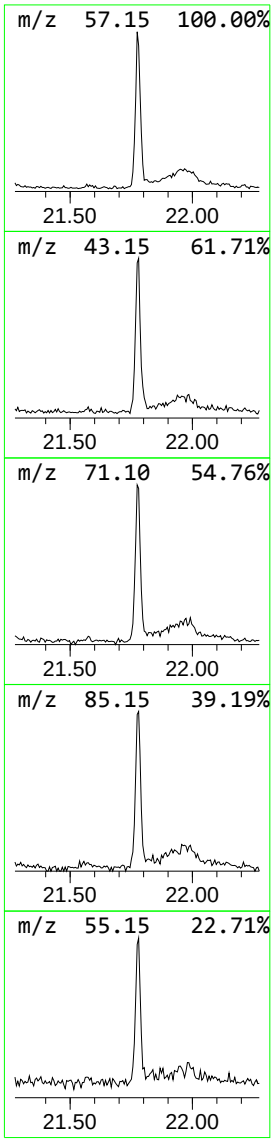
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.774	2.52 ng/ul	140842	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062362.D
Acq On : 12 Aug 2024 11:50
Operator : MA/JU
Sample : PB162650BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK650

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION

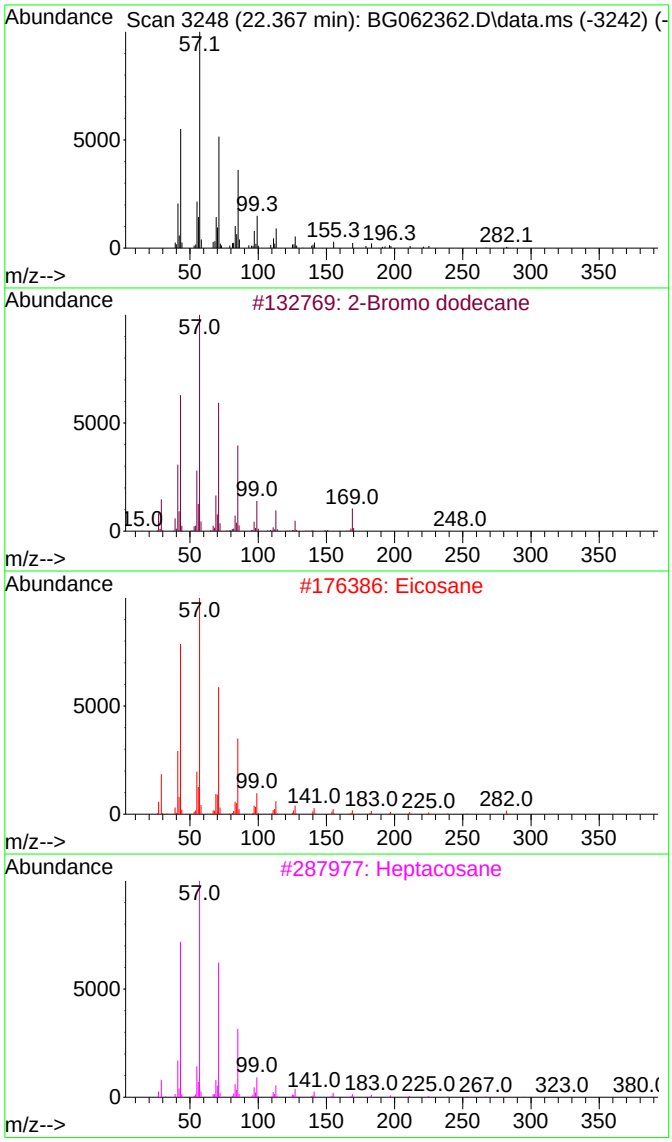
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

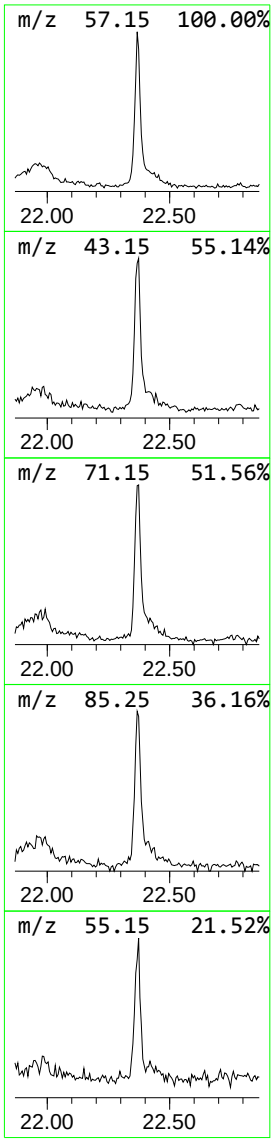
****

Peak Number 3 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.367	2.37 ng/ul	132737	Chrysene-d12	21.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
5	Hentriacontane	437	C31H64	000630-04-6	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062362.D
Acq On : 12 Aug 2024 11:50
Operator : MA/JU
Sample : PB162650BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK650

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	21.239	2.4	ng/ul	131495	5	21.557	1118760	20.0
(DEL) Alkane: S...	21.774	2.5	ng/ul	140842	5	21.557	1118760	20.0
2-Bromo dodecane	22.367	2.4	ng/ul	132737	5	21.557	1118760	20.0